"PATENT"

DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that: My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled Catalyst Composition, Method of Polymerization, and Polymer Therefrom the specification of which is attached hereto unless the following box is checked: as Application Serial No. or PCT International Application No. was filed on Oct. 22, 1999 ° 09/425,387 [X]N/A (if applicable). I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, § 1.56. I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate(s), or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application(s) for patent or inventor's certificate(s), or PCT International application having a filing date before that of the application on which priority is claimed. Priority Claimed Prior Foreign Application(s) [] [] (Day/Month/Year Filed) (Number) (Country) [] [] (Day/Month/Year Filed) (Number) (Country) I hereby claim the benefit under 35 U.S.C. § 119(e)(1)-(2) of any United States provisional application(s) listed below. (Filing Date) (Application Number) (Filing Date) (Application Number) I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose material information which is material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application. (Application Serial No.) (Filing Date) (Status - patented, pending, abandoned)

(Filing Date)

(Status - patented, pending, abandoned)

(Application Serial No.)

Case Dockeling. 19990020.08	Case	Docket No.	1999U026.US
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		ATTORNEY:											this
application	n an	d transact all bus	ines	s in the P	atent and	Frademar	k Office o	conn	ected there	with.			

NAMES	REGISTRATION NUMBERS	
Jaimes Sher	34,726	
Lisa Kimes Jones	41,878	
William G. Muller	32,281	
William G. Muller	32,281	
SEND CORRESPONDENCE TO:	DIRECT TELEPHONE CALLS TO:	

SEND CORRESPONDENCE TO:	DIRECT TELEPHONE CALLS TO: (Name and Telephone Number)
Univation Technologies LLC 5555 San Felipe, Suite 1950 Houston, Texas 77056	Phone No.: (713) 892-3668 Facsimile No.: (713) 892-3699

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

FULL NAME	LAST NAME	FIRST NAME	NAME MIDDLE NAME		ENAME
OF INVENTOR	Loveday	Donald	Donald		
RESIDENCE &	CITY	STATE OR FO	REIGN COUNTRY	COUNT	RY OF CITIZENSHIP
CITIZENSHIP	Houston	Texas	Texas		tates
POST OFFICE	POST OFFICE ADDRESS	CITY	STATE OR CO	UNTRY	ZIP CODE
ADDRESS	2419 Jasmine Ridge Court	Houston	Texas	Texas 7	

Inventor's signature

Date Nov. 8, 1999

FULL NAME	LAST NAME	FIRST NAME		MIDDLE	NAME
OF INVENTOR	McConville	David 1		H.	
RESIDENCE &	CITY	STATE OR FOREIGN COUNTRY		COUNTR	RY OF CITIZENSHIP
CITIZENSHIP	Houston	Texas		Canada	
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ADDRESS	4015 Cinnamon Fern Court	Houston	Texas		77059
				<u> </u>	

Inventor's signature

Date ///8/99

FULL NAME	LAST NAME	FIRST NAME	FIRST NAME		ENAME
OF INVENTOR	Szul	John		F	
RESIDENCE &	CITY	STATE OR F	OREIGN COUNTRY	COUNTRY OF CITIZENS	
CITIZENSHIP	Nitro	West Virginia	West Virginia		tates
POST OFFICE	POST OFFICE ADDRESS	CITY	STATE OR CO	UNTRY	ZIP CODE
ADDRESS	5 Lake Lane	Nitro	West Virginia		25143

Inventor's signature	Date	

DETECTION CITY STATE OR FOREIGN COUNTRY COUNTRY OF CITIZENSH						
RESIDENCE & CITY STATE OR FOREIGN COUNTRY OF CITIZENS POST OFFICE POST OFFICE ADDRESS 825-A Glendale Avenue South Charleston West Virginia Linventor's signature Date FULL NAME OF INVENTOR Mawson Simon West Virginia COUNTRY OF CITIZENS DATE OR COUNTRY O	FULL NAME	LAST NAME	FIRST NAME		MIDDI	LE NAME
CITIZENSHIP South Charleston West Virginia United States						
CITIZENSHIP South Charleston West Virginia United States	i		STATE OR FORE	IGN COUNTRY	COUN	TRY OF CITIZENSHIP
ADDRESS 825-A Glendale Avenue South Charleston West Virginia 25303 Inventor's signature Date FULL NAME		South Charleston	West Virginia			
ADDRESS 825-A Glendale Avenue South Charleston West Virginia 25303		1	CITY	STATE OR C	OUNTRY	ZIP CODE
FULL NAME CITY STATE OR FOREIGN COUNTRY COUNTRY OF CITIZENSH	ADDRESS	825-A Glendale Avenue	South Charleston			1
OF INVENTOR	Inventor's sig	nature		Date		
OF INVENTOR Mawson Simon Simon	FULL NAME	LAST NAME	FIRST NAME		MIDDI	FNAME
CITIZENSHIP Charleston West Virginia United States POST OFFICE POST OFFICE ADDRESS 318 South Pointe Charleston Charleston West Virginia Z5314 Inventor's signature Date FULL NAME LAST NAME Tae Hoon New Jersey United States POST OFFICE POST OFFICE ADDRESS CITY STATE OR FOREIGN COUNTRY OF CITIZENSH United States POST OFFICE POST OFFICE ADDRESS CITY STATE OR COUNTRY ZIP CODE ADDRESS 241 Berkley Avenue Belle Mead New Jersey West Virginia Date FULL NAME LAST NAME FIRST NAME New Jersey CITY STATE OR COUNTRY ZIP CODE New Jersey New Jersey New Jersey Ratio States FULL NAME LAST NAME FIRST NAME New Jersey Date FULL NAME CITY STATE OR FOREIGN COUNTRY COUNTRY OF CITIZENSH New Jersey Date FULL NAME OF INVENTOR Karol Frederick J. RESIDENCE & CITY STATE OR FOREIGN COUNTRY COUNTRY OF CITIZENSH New Jersey United States FUST OFFICE POST OFFICE ADDRESS CITY STATE OR COUNTRY ZIP CODE New Jersey Date FULL NAME LAST NAME New Jersey Date FULL NAME Selie Mead New Jersey New Jersey O8502 Inventor's signature Date FULL NAME LAST NAME Belle Mead New Jersey O8502 Inventor's signature Date FULL NAME LAST NAME Schreck David States FIRST NAME New Jersey O8502 Inventor's signature Date FULL NAME LAST NAME Schreck David James Post OFFICE ADDRESS CITY STATE OR COUNTRY OF CITIZENSH James COUNTRY COUNTRY OF CITIZENSH United States FULL NAME CAST NAME DAVID STATE OR COUNTRY OF CITIZENSH James COUNTRY COUNTRY OF CITIZENSH James COUNTRY COUNTRY OF CITIZENSH United States FULL NAME CAST NAME DAVID STATE OR COUNTRY COUNTRY OF CITIZENSH United States FULL NAME CAST NAME DAVID STATE OR COUNTRY COUNTRY OF CITIZENSH United States FULL NAME CAST NAME CAST NAME COUNTRY CO	OF INVENTOR	Mawson	1		WILDER	L NAME
CITIZENSHIP POST OFFICE POST OFFICE ADDRESS ADDRESS 318 South Pointe Charleston CITY Charleston CITY Charleston CITY STATE OR COUNTRY Date Date FULL NAME OF INVENTOR RESIDENCE & CITY CITIZENSHIP Belle Mead FIRST NAME FIRST NAME New Jersey Inventor's signature Date FULL NAME OF INVENTOR RESIDENCE & CITY STATE OR FOREIGN COUNTRY OR STATE OR FOREIGN COUNTRY OR STATE OR FOREIGN COUNTRY OR STATE OR FOREIGN COUNTRY OR CITIZENSHIP Belle Mead FIRST NAME FIRST NAME FIRST NAME OF INVENTOR Karol Firederick J. RESIDENCE & CITY STATE OR FOREIGN COUNTRY COUNTRY OF CITIZENSHIP New Jersey United States FULL NAME OF FIRST NAME ADDRESS 18 Hiland Drive Belle Mead New Jersey Date FULL NAME LAST NAME ADDRESS 18 Hiland Drive Belle Mead New Jersey Date FULL NAME CITIZENSHIP ADDRESS 18 FIRST NAME David James Schreck CITY STATE OR FOREIGN COUNTRY COUNTRY OF CITIZENSHIP Date FULL NAME OF INVENTOR Schreck CITY STATE OR FOREIGN COUNTRY OR STATE OR FOREIGN	RESIDENCE &	·CITY	STATE OR FORE	IGN COUNTRY	COLINIT	TOV OF CITIZENICIUM
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OF INVENTOR Schreck David James RESIDENCE & CITY STATE OR FOREIGN COUNTRY COUNTRY OF CITIZENSHI CITIZENSHIP Cross Lanes West Virginia United States POST OFFICE POST OFFICE ADDRESS CITY STATE OR COUNTRY ZIP CODE	Inventor's sign	ature		Date		
OF INVENTOR Schreck David James RESIDENCE & CITY STATE OR FOREIGN COUNTRY COUNTRY OF CITIZENSHI CITIZENSHIP Cross Lanes West Virginia United States POST OFFICE POST OFFICE ADDRESS CITY STATE OR COUNTRY ZIP CODE						
OF INVENTOR Schreck David James RESIDENCE & CITY STATE OR FOREIGN COUNTRY COUNTRY OF CITIZENSHI CITIZENSHIP Cross Lanes West Virginia United States POST OFFICE POST OFFICE ADDRESS CITY STATE OR COUNTRY ZIP CODE	FULL NAME	LAST NAME	FIRST NAME		MIDDI F	NAME
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Cross Lanes West virginia 25313			į.		DIVIKI	
		1	1 Cross Dalles	I west virginia		23313

"PATENT"

DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled Catalyst Composition, Method of Polymerization, and Polymer Therefrom the specification of which is attached hereto unless the following box is checked: as Application Serial No. or PCT International Application No. was filed on Oct. 22, 1999 09/425.387 and was amended on (if applicable). I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, § 1.56. I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate(s), or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application(s) for patent or inventor's certificate(s), or PCT International application having a filing date before that of the application on which priority is claimed. Priority Claimed Prior Foreign Application(s) [] [] (Number) (Day/Month/Year Filed) (Country) [] [] (Day/Month/Year Filed) (Number) (Country) I hereby claim the benefit under 35 U.S.C. § 119(e)(1)-(2) of any United States provisional application(s) listed below. (Application Number) (Filing Date) (Filing Date) (Application Number) I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose material information which is material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application. (Application Serial No.) (Filing Date) (Status - patented, pending, abandoned) (Application Serial No.) (Filing Date) (Status - patented, pending, abandoned)

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. **NAMES** REGISTRATION NUMBERS Jaimes Sher 34,726 41.878 Lisa Kimes Jones William G. Muller 32.281 DIRECT TELEPHONE CALLS TO: SEND CORRESPONDENCE TO: (Name and Telephone Number) Univation Technologies LLC 5555 San Felipe, Suite 1950 Phone No.: (713) 892-3668 Facsimile No.: (713) 892-3699 Houston, Texas 77056 I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. **FULL NAME** LAST NAME FIRST NAME MIDDLE NAME OF INVENTOR Loveday Donald STATE OR FOREIGN COUNTRY COUNTRY OF CITIZENSHIP CITY RESIDENCE & CITIZENSHIP Houston Texas United States ZIP CODE CITY STATE OR COUNTRY POST OFFICE POST OFFICE ADDRESS 77062 Houston Texas ADDRESS 2419 Jasmine Ridge Court Inventor's signature FIRST NAME MIDDLE NAME LAST NAME FULL NAME OF INVENTOR McConville David COUNTRY OF CITIZENSHIP STATE OR FOREIGN COUNTRY CITY **RESIDENCE &** Canada CITIZENSHIP Houston Texas ZIP CODE CITY STATE OR COUNTRY POST OFFICE POST OFFICE ADDRESS 77059 Houston Texas **ADDRESS** 4015 Cinnamon Fern Court Inventor's signature _____ MIDDLE NAME FULL NAME LAST NAME FIRST NAME OF INVENTOR John Szul STATE OR FOREIGN COUNTRY COUNTRY OF CITIZENSHIP RESIDENCE & CITY United States CITIZENSHIP West Virginia Nitro ZIP CODE STATE OR COUNTRY POST OFFICE CITY POST OFFICE ADDRESS 25143 ADDRESS Nitro West Virginia 5 Lake Lane

PAGE 2

Date //

Inventor's signature _

FULL NAME	LAST NAME	FIRST NAME		MIDDI	E NAME
OF INVENTOR	Erickson	Kersten		1	E NAME
RESIDENCE &	CITY	STATE OR FORE	ICN COLDITOR	Anne	TO V OF CITIZENIOUS
CITIZENSHIP	South Charleston	West Virginia		United S	RY OF CITIZENSHII
POST OFFICE	POST OFFICE ADDRESS	CITY	STATE OR CO		
ADDRESS	825-A Glendale Avenue	South Charleston	į.		1
			West Virginia	· · · · · · · · · · · · · · · · · · ·	
Inventor's sign	nature Yester Anne	Endlow	Date	/- 89	2
FULL NAME	LAST NAME	FIRST NAME		MIDDL	E NAME
OF INVENTOR	Mawson	Simon		1	
RESIDENCE &	CITY	STATE OR FOREI	GN COUNTRY	COUNT	RY OF CITIZENSHIP
CITIZENSHIP	Charleston	West Virginia		United S	
POST OFFICE	POST OFFICE ADDRESS	CITY	STATE OR CO		
ADDRESS	318 South Pointe	Charleston	West Virginia		25314
Inventor's sign	nature <u>Simon</u> Mi	ws.	Date	11/8/	199
FULL NAME	LAST NAME	FIRST NAME	<u>,,</u>	MIDDLI	E NAME
OF INVENTOR	Kwack	Tae Hoon			
RESIDENCE &	CITY	STATE OR FOREI	GN COUNTRY	COUNT	RY OF CITIZENSHIP
CITIZENSHIP	Belle Mead	New Jersey		United S	tates
POST OFFICE	POST OFFICE ADDRESS	CITY	STATE OR CO	UNTRY	ZIP CODE
ADDRESS	241 Berkley Avenue	Belle Mead	New Jersey		08502
					
Inventor's sign	ature		Date		
FULL NAME	LAST NAME	FIRST NAME		MIDDLE	ENAME
OF INVENTOR	Karol	Frederick		J.	
RESIDENCE &	CITY	STATE OR FOREIG	GN COUNTRY	COUNT	RY OF CITIZENSHIP
CITIZENSHIP	Belle Mead	New Jersey	· · · · · · · · · · · · · · · · · · ·	United St	ates
POST OFFICE	POST OFFICE ADDRESS	CITY	STATE OR CO	UNTRY	ZIP CODE
DDRESS	18 Hiland Drive	Belle Mead	New Jersey		08502
Inventor's sign	ature		Date	· · · · · · · · · · · · · · · · · · ·	
	<u> </u>				
FULL NAME	LAST NAME	FIRST NAME		MIDDLE	NAME
OF INVENTOR	Schreck	David		James	
ESIDENCE &	CITY	STATE OR FOREIG	GN COUNTRY	ì	RY OF CITIZENSHIP
CITIZENSHIP	Cross Lanes	West Virginia	T	United St	
OST OFFICE	POST OFFICE ADDRESS	CITY	STATE OR CO	UNTRY	ZIP CODE
ADDRESS	5226 Sun Valley Drive	Cross Lanes	West Virginia		25313
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"PATENT"

DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that: My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled Catalyst Composition, Method of Polymerization, and Polymer Therefrom the specification of which is attached hereto unless the following box is checked: Oct. 22, 1999 * as Application Serial No. or PCT International Application No. [X] was filed on 09/425,387 (if applicable). N/A I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, § 1.56. I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate(s), or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application(s) for patent or inventor's certificate(s), or PCT International application having a filing date before that of the application on which priority is claimed. Prior Foreign Application(s) Priority Claimed [] [] (Day/Month/Year Filed) (Number) (Country) [] (Day/Month/Year Filed) (Number) (Country) I hereby claim the benefit under 35 U.S.C. § 119(e)(1)-(2) of any United States provisional application(s) listed below. (Application Number) (Filing Date) (Application Number) (Filing Date) I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose material information which is material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application. (Application Serial No.) (Filing Date) (Status - patented, pending, abandoned)

(Filing Date)

(Application Serial No.)

(Status - patented, pending, abandoned)

	FORNEY: As a named inventor, insact all business in the Patent and			(s) and/or	agent(s) to prosecute this	
NAMES	· · · · · · · · · · · · · · · · · · ·	REGIST	RATION NUMBER:	 S		
Jaimes Sher		34,726				
Lisa Kimes Jones		41,878		•		
William G. Muller	·	32,281				
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SEND CORRESPO	ONDENCE TO.		id Telephone Numbe			
Univation Technol	ogies LLC	(, , , , , , , , , , , , , , , , , , ,	ia reiephone ramoe	•)		
5555 San Felipe, S		Phone No	o.: (713) 892-366	8		
Houston, Texas 7	7056	Facsimile	No.: (713) 892-369	9		
believed to be true punishable by fine	at all statements made herein of my; and further that these statements to or imprisonment, or both, under pardize the validity of the application.	were made with the kn Section 1001 of Tit	owledge that willful le 18 of the United	false staten	nents and the like so made	
FULL NAME	LAST NAME	FIRST NAME		MIDDLI	ENAME	
OF INVENTOR	Loveday	Donald	Donald			
RESIDENCE &	CITY	STATE OR FOR	EIGN COUNTRY	COUNTRY OF CITIZENSHIP		
CITIZENSHIP	Houston	Texas		United S	tates	
POST OFFICE	POST OFFICE ADDRESS	CITY	STATE OR CO	UNTRY	ZIP CODE	
ADDRESS	2419 Jasmine Ridge Court	Houston	Texas		77062	
Inventor's sign	ature	· · · · · · · · · · · · · · · · · · ·	Date		· .	
FULL NAME	LAST NAME	FIRST NAME	,	MIDDLI	ENAME	
OF INVENTOR	McConville	David		H.		
RESIDENCE &	CITY	STATE OR FOR	EIGN COUNTRY			
CITIZENSHIP	Houston	Texas	Canada			
POST OFFICE	POST OFFICE ADDRESS	CITY	STATE OR CO	UNTRY	ZIP CODE	
ADDRESS	4015 Cinnamon Fern Court	Houston			77059	
Inventor's sign	ature		Date			
FULL NAME	LAST NAME	FIRST NAME		MIDDLE	NAME	
OF INVENTOR	Szul	John		F		
RESIDENCE &	CITY	STATE OR FOR	EIGN COUNTRY	COUNTI	RY OF CITIZENSHIP	
CITIZENSHIP	Nitro	West Virginia		United St	ates	
POST OFFICE	POST OFFICE ADDRESS	CITY	STATE OR CO	UNTRY	ZIP CODE	
ADDRESS	5 Lake Lane	Nitro	West Virginia		25143	

DECLAR.DOT

Inventor's signature

Case Docket No. 1999U026.US

OF INVENTOR	LAST NAME	FIRST NAME			MIDDLE NAME	
RESIDENCE &	Erickson		Kersten		Anne	
1	CITY	1	STATE OR FOREIGN COUNTRY		COUNTRY OF CITIZENSHIP	
CITIZENSHIP	South Charleston		West Virginia		United States	
POST OFFICE	POST OFFICE ADDRESS	CITY	STATE OR C		,	
ADDRESS	825-A Glendale Avenue	South Charleston	West Virginia		25303	
Income and a selection of a	4		_			
inventor's sig	nature		Date			
FULL NAME	LAST NAME	FIRST NAME		MIDDL	E NAME	
OF INVENTOR	Mawson	Simon		1		
RESIDENCE &	CITY	STATE OR FORE	IGN COUNTRY	COUNT	TRY OF CITIZENSHIP	
CITIZENSHIP	Charleston	West Virginia		1	States	
POST OFFICE	POST OFFICE ADDRESS	CITY	STATE OR CO	DUNTRY	ZIP CODE	
ADDRESS	318 South Pointe	Charleston	West Virginia		25314	
			*			
Inventor's sign	nature		Date			
Γ						
FULL NAME	LAST NAME	FIRST NAME		MIDDL	MIDDLE NAME	
OF INVENTOR	Kwack	Tae Hoon		ļ		
RESIDENCE &	CITY	STATE OR FOREI	GN COUNTRY	COUNT	JNTRY OF CITIZENSHIP	
CITIZENSHIP	Belle Mead		New Jersey United States			
POST OFFICE	POST OFFICE ADDRESS	CITY	STATE OR CO	UNTRY	•	
ADDRESS	241 Berkley Avenue	Belle Mead	New Jersey	· · · · · · · · · · · · · · · · · · ·	08502	
	naturé Jde 11, Van	0-1-		11/10	100	
Inventor's sign	laturé / de / 0 / 1 son	ann	Date	11/10	777	
FULL NAME	LAST NAME	FIRST NAME		MIDDLE	NAME	
OF INVENTOR	Karol	Frederick		J.	MIDDLE NAME	
RESIDENCE &	CITY	STATE OR FOREIG	CNI COI INTERV	 	RY OF CITIZENSHIP	
CITIZENSHIP	Belle Mead	New Jersey	on coontri	United St		
POST OFFICE	POST OFFICE ADDRESS	CITY	STATE OR CO			
ADDRESS	18 Hiland Drive	Belle Mead	New Jersey	UNIKI	08502	
		,	1 New Jersey	 	1 00302	
Inventor's sign	ature Zuderuk J.	Karol	Date //	110/99	7	
m. onto a aign	and measure 1	1000 (Date	11011		
	/					
FULL NAME	LAST NAME	FIRST NAME		MIDDLE	NAME	
OF INVENTOR	Schreck	David			James	
RESIDENCE &	CITY	STATE OR FOREIG	GN COUNTRY	COUNTRY OF CITIZENSHIP		
CITIZENSHIP	Cross Lanes	West Virginia		United St	ates	
POST OFFICE	POST OFFICE ADDRESS	CITY	STATE OR CO	UNTRY	ZIP CODE	
ADDRESS	5226 Sun Valley Drive	Cross Lanes	West Virginia		25313	
Inventor's sign:	ature		Date			
-						



PTAS

UNITED STATES DEPARTMENT OF COMMERCE Patent and Trademark Office

ASSISTANT SECRETARY AND COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231

MARCH 31, 2000

UNIVATION TECHNOLOGIES LLC. LISA KIMES JONES 5555 SAN FELIPE, SUITE 1950 HOUSTON, TEXAS 77056

101247392A

UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 01/10/2000

REEL/FRAME: 010491/0078

NUMBER OF PAGES: 8

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

LOVEDAY, DONALD R.

DOC DATE: 11/08/1999

ASSIGNOR:

MCCONVILLE, DAVID H.

DOC DATE: 11/08/1999

ASSIGNOR:

SZUL, JOHN F.

DOC DATE: 11/08/1999

ASSIGNOR:

ERICKSON, KERSTEN ANNE

DOC DATE: 11/08/1999

ASSIGNOR:

MÄWSON, SIMON

DOC DATE: 11/08/1999

ASSIGNOR:

KWACK, TAE HOON

DOC DATE: 11/10/1999

ASSIGNOR:

KAROL, FREDERICK J.

DOC DATE: 11/10/1999

010491/0078 PAGE 2

ASSIGNOR:

SCHRECK, DAVID JAMES

DOC DATE: 11/08/1999

ASSIGNEE:

UNIVATION TECHNOLOGIES, LLC 5555 SAN FELIPE, SUITE 1950 HOUSTON, TEXAS 77056

SERIAL NUMBER: 09425387

PATENT NUMBER:

FILING DATE: 10/22/1999

ISSUE DATE:

KIMBERLY WHITE, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS

01-20-	2000			
FORM PTO-1595	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office			
RJ	HEET			
NPD 1.10.00	16886 HINS 1848 HB: 182:			
To the Honorable Commissioner of P. 101247	ached original documents or copy thereof.			
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):			
Donald R. Loveday, David H. McConville,	party (100).			
John F. Szul, Kersten Anne Erickson,	Name: Univation Technologies, LLC			
Simon Mawson, Tae Hoon Kwack,				
Frederick J. Karol and David James Schreck	Street Address: 5555 San Felipe, Suite 1950			
Additional name(s) of conveying party(ies) attached? Yes No	City: Houston State: Texas ZIP: 77056			
3. Nature of conveyance:				
Assignment Merger	Additional name(s) & address(es) attached? Yes No			
Security Agreement Change of Name Other				
Execution Date: November 8 and 10, 1999				
Encounted Butt. 1.0. comber 6 and xoq 1999	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
4. Application number(s) or patent number(s):	1 JAN 1 0 2000			
If this document is being filed together with a new application, th	e execution date of the application is:			
A. Patent Application No.(s) 09/425,387	B. Patent No.(s)			
Additional numbers attac				
5. Name and address of party to whom correspondence concerning documents should be mailed:	6. Total number of applications and patents involved: [1]			
concerning documents should be maned.				
Name: Lisa Kimes Jones	7. Total fee (37 CFR 1.41): \$40.00			
Internal Address: Univation Technologies LLC.				
Mailing Address: 5555 San Felipe, Suite 1950	Authorized to be charged to deposit account			
City: Houston State: Texas ZIP: 77056				
	8. Deposit account number: 50-0589			
DO NOT USE	THIS SPACE			
9. Statement and signature.				
	formation is true and correct and any attached copy is a true			
Copy of the original document.	A/\bigcirc			
Lisa Kimes Jones	January 7, 2000			
Name of Person Signing	Signature Date			
Total number of pages including cover	sheet, attachments, and document: [8]			
Mail documents to be recorded with required cover sheet information to:				
COMMISSIONER OF PATE	ENTS AND TRADEMARKS			
BOX ASSI				
	WASHINGTON DC 20231			
				

01/19/2000 DNGUYEN 06000156 500589 09425387 01 FC:581 40.00 CH

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ASSIGNMENT OF INVENTION, PRIORITY RIGHTS AND RIGHTS TO APPLY FOR PATENTS

given the Ser	ial No. 09/425,387, and file	ed on October 22, 199	9, with the Family Number	1999U026.
on the				
as described			ent in the United States of A	America, executed
co-inventor o	of an invention for Catalyst	Composition, Method	of Polymerization, and Pol	ymer Therefrom
Karol, David	James Schreck, HEREBY	STATE UNDER OAT	H that I am the original and	first inventor or
i, the undersi	igned, John F. Szul, Kerste	en Anne Erickson, Sin	non Mawson, Tae Hoon Zw	ack, Frederick J.

NOW, THEREFORE, in consideration of my employment by Union Carbide Corporation, manufacturers, a corporation organized and existing under the laws of the State of New York, United States of America and having an office at 39 Old Ridgebury Road, Danbury, State of Connecticut, 06817-0001, United States of America, and having as its fifty-percent-owned joint venture, UNIVATION TECHNOLOGIES, LLC, technology licensors, a company organized and existing under the laws of the State of Delaware, United States of America, and having an office at 5555 San Felipe, Suite 1950, Houston, Texas, 77056, United States of America,

I DO HEREBY ASSIGN AND TRANSFER, without any restrictions, reservations or limitations, my entire right, title, and interest in and to said invention and application unto, as the Assignee, the aforesaid UNIVATION TECHNOLOGIES, LLC, its successors, assigns and nominees, and the entire right, title and interest in and to all patents which may be granted thereon, and all divisions, continuations, continuations-in-part, reissues, reexaminations and extensions thereof;

AND ALL PRIORITY RIGHTS derived from the aforesaid application for Letters Patent by virtue of the International Convention for the Protection of Industrial Property, for any and all member countries of the aforesaid International Convention;

AND THE SOLE RIGHT to file such applications under the Patent Laws of any country of the world in its name and/or mine, and the sole right to have patents granted on said applications in its name and/or mine to the full end of the term for which said patents may be granted as fully and entirely as the same would have been held by me had this assignment not been made, and to enforce said patents with my right to sue for and recover accrued profits or damages for any and all infringements thereof;

AND AUTHORIZE the above-named Assignee to insert in this instrument the execution date, serial number and filing date of said application;

AND AUTHORIZE AND REQUEST the Commissioner of Patents and Trademarks to issue all patents on said invention to said UNIVATION TECHNOLOGIES, LLC as Assignee of the entire right. title and interest, and covenant that I have full right so to do, and agree that I will communicate to said Corporation or its representatives any facts known to me respecting said invention and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said Corporation, its successors, assigns, and nominees, to obtain and enforce proper protection for said invention in all countries.

IN WITNESS WHEREOF, this assignment has been executed by UNDERSIGNED on the date opposite UNDERSIGNED'S NAME.

DATE	11/8/99 John J. Szul John F. Szul	(LS
	Joon Etta Lox Witness	
DATE	11/8/99 Keister Anne Erickson	(LS
	Joan Etta Cox Witness	
DATE .	11/8/99 Simon Mawson	(LS)
	Witness	

DATE		(LS
	Tae Hoon Kwack	
	Witness	
DATE	*	(LS)
	Frederick J. Karol	······································
	Witness	
DATE	Nov 8, 1999 Jawa amo Much David James Schreck	(LS)
	Jon Ho Cx Witness	

ASSIGNMENT OF INVENTION, PRIORITY RIGHTS AND RIGHTS TO APPLY FOR PATENTS

given the S	erial No. 09/425,387, and	filed on October 22, 1999	, with the Family Number 1	999U026.
	8th/10th		November	, 1999
			nt in the United States of A	merica, executed
			of Polymerization, and Poly	
Karol, Davi	id James Schreck, HERE	BY STATE UNDER OATH	H that I am the original and	first inventor or
i, the unde	rsigned, John F. Szul, Ker	sten Anne Erickson, Sim	on Mawson, Tae Hoon Zwa	ick, Frederick J.

NOW, THEREFORE, in consideration of my employment by Union Carbide Corporation, manufacturers, a corporation organized and existing under the laws of the State of New York, United States of America and having an office at 39 Old Ridgebury Road, Danbury, State of Connecticut, 06817-0001, United States of America, and having as its fifty-percent-owned joint venture, UNIVATION TECHNOLOGIES, LLC, technology licensors, a company organized and existing under the laws of the State of Delaware, United States of America, and having an office at 5555 San Felipe, Suite 1950, Houston, Texas, 77056, United States of America,

I DO HEREBY ASSIGN AND TRANSFER, without any restrictions, reservations or limitations, my entire right, title, and interest in and to said invention and application unto, as the Assignee, the aforesaid UNIVATION TECHNOLOGIES, LLC, its successors, assigns and nominees, and the entire right, title and interest in and to all patents which may be granted thereon, and all divisions, continuations, continuations-in-part, reissues, reexaminations and extensions thereof;

AND ALL PRIORITY RIGHTS derived from the aforesaid application for Letters Patent by virtue of the International Convention for the Protection of Industrial Property, for any and all member countries of the aforesaid International Convention;

AND THE SOLE RIGHT to file such applications under the Patent Laws of any country of the world in its name and/or mine, and the sole right to have patents granted on said applications in its name and/or mine to the full end of the term for which said patents may be granted as fully and entirely as the same would have been held by me had this assignment not been made, and to enforce said patents with my right to sue for and recover accrued profits or damages for any and all infringements thereof;

AND AUTHORIZE the above-named Assignee to insert in this instrument the execution date, serial number and filing date of said application;

AND AUTHORIZE AND REQUEST the Commissioner of Patents and Trademarks to issue all patents on said invention to said UNIVATION TECHNOLOGIES, LLC as Assignee of the entire right. title and interest, and covenant that I have full right so to do, and agree that I will communicate to said Corporation or its representatives any facts known to me respecting said invention and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said Corporation, its successors, assigns, and nominees, to obtain and enforce proper protection for said invention in all countries.

IN WITNESS WHEREOF, this assignment has been executed by UNDERSIGNED on the date opposite UNDERSIGNED'S NAME.

DATE	·•	(LS)
	John F. Szul	
	·	
	Witness	
DATE		(LS)
***************************************	Kersten Anne Erickson	
	Witness	•
DATE		(LS)
	Simon Mawson	
·	Witness	

Family Number 1999U026 Page 3 of 3

DATE	Tae Hoon Kwack	(LS)
	Balan Muller Witness	
DATE	11/10/99 Ziederick J. Karol Frederick J. Karol	(LS)
	Balana Mullan Witness	
DATE -	David James Schreck	(LS) -
	Witness	

ASSIGNMENT

INVENTOR or INVENTORS:

~	Donald R. Loveday	David H. McConville
which follows	is hereby acknowledged, the undersigned person(s)	llars (\$125.00) and other good and valuable consideration, the receipt of named above, herein referred to as UNDERSIGNED, hereby agree(s) as
	representatives and assigns, herein referred to coll	Univation Technologies, LLC, a Delaware company, its successors, legal ectively as ASSIGNEE, the entire right, title and interest, for the United RSIGNED'S invention or improvement and to all patent applications and it application entitled
	Catalyst Composition, Method	of Polymerization, and Polymer Therefrom
	said application having been executed on the 8t identified as Case No. 1999U026, U.S.S.N. 09/42 application under provisions of international conver	5,387, filed October 22, 1999; and all rights of priority created by said
	relating to obtaining patents and the prosecution that applications or substitutes therefor or registrations the	uest of ASSIGNEE to execute any and all applications for and documents nereof for said invention or improvement, and any continuations of such hereof, and any specific separate assignments of any of the above required lemark Office and any foreign patent office that ASSIGNEE may deem
	or patent issued thereon, or any reissue or applica	vent of any application based on said assigned invention or improvement, tion for the reissue thereof, becoming involved in priority of invention ASSIGNEE to the best of the ability of UNDERSIGNED in the matter of and producing evidence in support thereof.
	States and foreign patents covering said invention	apon ASSIGNEE'S request any and all affirmative acts to obtain United on or improvement and to vest all rights therein hereby conveyed to ould have been held and enjoyed by UNDERSIGNED if this assignment
		SSIGNEE's attorney to insert at paragraph 1, in this instrument the date(s) on for the above-referenced patent application, as well as the filing date
NAME.		n executed by UNDERSIGNED on the date opposite UNDERSIGNED'S
DATE	MOV. 8, 1989	Donald R. Loveday (LS)
DATE	11/8/99 	Witness Witness David H. McConville C. 11/8/99 Witness

POWER OF ATTORNEY OR
AUTHORIZATION OF AGENT,
NOT ACCOMPANYING
APPLICATION

Application Number	09/865,067
Filing Date	05/24/2001
First Named Inventor	Lov day, et al.
Group Art Unit	1755
Examiner Name	Pasterczyk, James W.
Attorney Docket Number	1999U026D2.US

		APPLICATION	Group Art Onit	1/55	
	A	PPLICATIO	N	Examiner Name	Pasterczyk, James W.
				Attorney Docket Number	1999U026D2.US
I hereby ap	point:				
Practitioners at Customer Number 2:			mber 2	25959	
OR					Label 25959 PATENT TRADEMARK OFFICE
Practi	itioner(s) named below:			
	·	•			
		Attorney	/Agent	Registra	tion Number
	Darre	II E. Warner		3	6,046
	Kevin	M. Faulkner		4	5,427
	Raul	R. Montes		3:	2,545
	Osbo	rne K. McKinney		40	0,084
	 Keliy	A. Morgan		35	5,620
Patent and	ttorney Traden	v(s) or agent(s) to nark Office conne	prosecute the ap cted therewith.	plication identified above,	and to transact all business in the
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		correspondence mentioned Custo-		bove-identified application	i to:
<u> </u>	20000	-mentioned Cast	siliei Number.		
OR					
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Individual Address	Name	5555 San Felipe			
Address		Suite 1950		· · · · · · · · · · · · · · · · · · ·	
City	-	Houston	State Texa	s	Zip Code 77056
Country		United States of A	America		
Telephone		(713) 892-3729		Fax	(713) 892-3687
I am the:					
☐ Applic	cant				
Assig	nee of r	ecord of the entire	interest		
		SIG	NATURE OF App	licant or Assigne of R cor	d
Name (Print/T	vpe)			d Secretary for Univation Tec	
Signature	4 F - /		Men 3, 2002.		
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Date		neceu	ner 3, 2002.		

POWER OF ATTORNEY OR
AUTHORIZATION OF AGENT,
NOT ACCOMPANYING
APPLICATION

Application Number	09/865,067	_
Filing Date	05/24/2001	-
First Named Inventor/	Donald R. Loveday	_
Group Art Unit	1755	_
Examiner Name	Pasterczyk, James W.	_
Attorney Docket Number	1999U026D2.US	-

APPLICATION			Examiner Name		Pasterczyk, James W.				
			Attorney Docke	torney Docket Number		1999U026D2.US			
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	Practitioner(s) named below:								
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,	,	Attorney/Agent				Registrati	on Number		
		Osbor	ne K. McKinney			40.	084		
	-	Kevin	M. Faulkner			45,427			
		Raul F	R. Montes			32,	545		
		Stephe	en P. Koch			37,	660		
		Kelly A	. Morgan			35,620			
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			(s) or agent(s) to p ark Office connect		oplication identif	fied above, a	and to trans	sact all busin	ess in the
Please change the correspondence address for the above-identified application to: The above-mentioned Customer Number. OR									
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	vidual I	Name	Univation Technolo	gies, LLC			·· = <u></u>		
Address			5555 San Felipe						
Address	s		Suite 1950					T	
City			Houston	State Tex	as		Zip Code	77056	
Country			United States of An	nerica		T F	(740) 000 0	2007	
Telephone (713) 892-3729 Fax (713) 892-3687									
☐ Applicant									
SIGNATURE OF Applicant or Assignee of Record									
Name (Print/Ty	/pe)			nd Secretary for t	Jnivation T c	hnologies, L	_LC_	
Signatu	re		Racell	econs					
Date									

POWER OF ATTORNEY OR
AUTHORIZATION OF AGENT,
NOT ACCOMPANYING
APPLICATION

Application Number	09/425,387	
Filing Date	October 22, 1999	
First Named Inventor	David H. McConvill	**
Group Art Unit	1713	
Examiner Name	W. Cheung	
Attorney Docket Number.	1999U026.US	

NOT A	ACCOMPANYING	Group Art Unit	1/13			
APPLICATION		Examiner Name	W. Cheung			
		Attorney Docket Number.	1999U026.US			
I hereby appoint:						
	s at Customer Number	DATE DOCKETED	Place Customer Number Bar Code Label Here			
OR	,	-1 -1 -1				
Practitioner	(s) named below:	3 /28/800/ By JAK				
	Attorney/Agent		ion Number			
Darre	ell E. Warner	36	,046			
Lisa	Kimes Jones	41	,878			
Raul	R. Montes	32	,545			
	•	·				
OR	e correspondence address for the a e-mentioned Customer Number.	above-identified application t	to:			
Firm or Individual Name	Univation Technologies, LLC					
Address	5555 San Felipe					
Address	Suite 1950		7: 0 1 77050			
City Country	Houston State Texa United States of America	15	Zip Code 77056			
Telephone	(713) 892-3668	Fax	(713) 892-3687			
I am the:	record of the entire interest		(1.10) 002 000			
	SIGNATURE OF App	olicant or Assignee of Recor	d			
Name (Print/Type)	Name (Print/Type) Raul R. Montes, General Counsel and Secretary for Univation Technologies, LLC					
Signature	Raughten					
Date	3-17-0	/				